

ASBESTOS



Canadian Milled Chrysotile Asbestos Fibre from the Thetford Mines District, Quebec

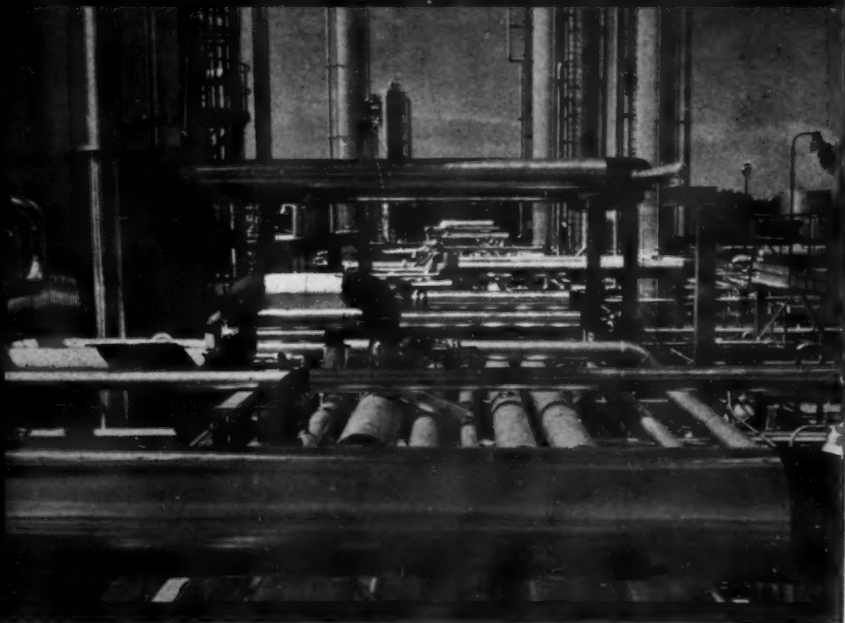
FEBRUARY 1956

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Searing summers, bitter winters, sandstorms and tornadoes make insulation a tough problem at this Texas refinery. Fuller-Austin Insulation Co. licked this problem with sheet aluminum and Ehret THERMALITE 85% Magnesia. THERMALITE does the bulk of the insulating job; aluminum sheet gives further protection.

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Southern Production Co. Gasoline Plant, Pledger, Texas



EHRET MAGNESIA MANUFACTURING COMPANY

VALLEY FORGE, PENNSYLVANIA

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE

BY SECRETARIAL SERVICE
807 WESTERN SAVING FUND BLDG.
S. E. COR. BROAD & CHESTNUT STS.
PHILADELPHIA 7, PENNSYLVANIA

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REPORTS ON ASSOCIATION ACTIVITIES

1. Asbestos Textile Institute

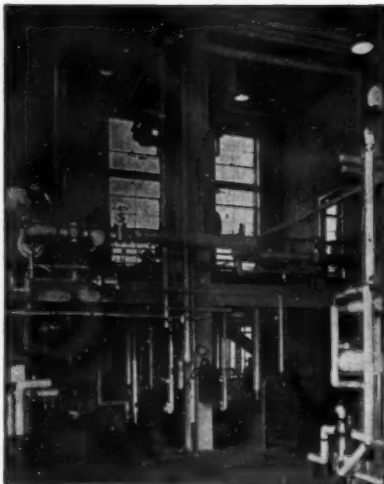
The Asbestos Textile Institute with office and laboratory located at the Philadelphia Textile Institute, Philadelphia., continues to serve the affiliated members of the industry through its many specific committee activities and those projects pursued in the general interest of the industry.

The organization of the Asbestos Textile Institute is directed by the Board of Governors consisting of the following officers and members: F. J. Wakem, Johns-Manville Corporation, President; J. A. Bettis, Raybestos-Manhattan, Inc., Vice President; J. G. Schoepf, Asten-Hill Mfg. Company, Treasurer; R. S. Hulse, Southern Asbestos Company; G. W. Marshall, Jr., Raybestos-Manhattan Inc.; A. J. Scanlan, American Asbestos Textile Corp.; and D. W. Widmayer, Keasbey & Mattison Company. Dr. M. C. Shaw serves the Institute as Executive Secretary and Director of Research.

The membership of the Asbestos Textile Institute consists of six asbestos textile manufacturers located in the United States, four asbestos fibre mining companies located in Canada, three asbestos textile manufacturers located in England, two asbestos textile manufacturers located in France and one asbestos fibre mining company located in Africa with offices in England and the United States.

There are four functioning groups or committees within the Institute, each concerned with different aspects of the over-all industry and each carrying on studies designed to improve or develop that segment of the industry in which they are particularly interested.

The Air Hygiene section of the Institute under the leadership of H. M. Jackson, Johns-Manville Corp., for the past two years and now being directed by D. R. Holmes, Asten-Hill Mfg. Co., is engaged in important investigations related to the dust control and elimination in the manufacturing operations involved in this industry and in studies designed to determine the hygienic and physiological effects resulting from exposure to various dust



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conditions.

The Sales Promotion Committee under the chairmanship of A. E. Whitfield, Keasbey & Mattison Company, for the past two years and now under the direction of J. T. Griffiths, Southern Asbestos Company, are continually engaged in efforts to promote the use of asbestos textiles and are ever investigating and initiating new applications for the materials produced by this industry. Industry-wide improvements in quality and serviceability are the ever present goals in the considerations by this section of the Institute and the consumers of these materials are becoming increasingly aware of the fruits of the efforts of this group. This section works closely with the Technical Committee and the Research Fellow in seeking the solution to many of the problems with which it is confronted.

The Technical Committee under the Chairmanship of J. D. McCluer, Southern Asbestos Company, for the past two years and now being presided over by M. W. Oliver, Raybestos-Manhattan, Inc., is continually investigating the many problems involved in improving the quality of available materials, development of new materials and in devising new and improved methods for testing and evaluating results.

The Fellowship laboratory under the direction of Dr. M. C. Shaw serves all of the committees in their many investigations and provides technical assistance whenever necessary. In addition, there is conducted by the Fellow an extensive research program as established by a special committee of the Institute charged with the responsibility of maintaining an up-to-date and practical research program constantly in effect.

The activities of the Asbestos Textile Institute are continually expanding and the efforts exerted through the participation of the membership in the programs encompassed by the several specialized sections of the organization serve to provide the industry with an ever-increasing fund of knowledge regarding the products of the industry. With this increased understanding it is felt that the industry will be in a position to continue to expand and to meet the demand for the new and improved materials

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GERMANY ERNST WERNER, Import von Rohasbest,
Katharinenstrasse 30, "Edmundhaus,"
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which will be required by the engineers of the future.

By Dr. Myril C. Shaw, Secretary

2. Thermal Insulation Society

The second meeting on activation of the Thermal Insulation Society on a national basis was held at Nittany Lion Inn, University Park, Pennsylvania State College, Pennsylvania on October 26 and 27, 1955.

The report of the conference on activation of the Thermal Insulation Society, prepared by Mr. James W. Harris, was approved as written.

Mr. H. L. Pickel, Chairman of the Affiliation Investigating Committee, reported that his committee had investigated the feasibility of affiliation with the following societies: American Society of Mechanical Engineers; American Society of Heating and Air Conditioning Engineers; American Society of Refrigeration Engineers; American Institute of Chemical Engineers; and the American Institute of Physics, Inc.

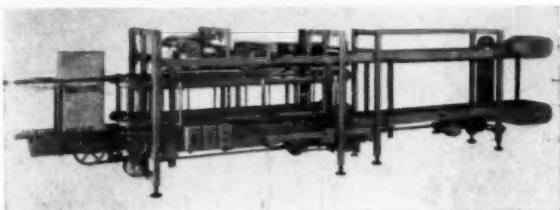
Apparently, from the replies received, two major points of difference would make it difficult to have a satisfactory affiliation with any of the existing societies. First, the membership qualifications appear very restrictive and would not coincide with our membership qualifications. Second, although each of the above societies has an interest in thermal insulation as it effects their activities, none of them have an interest in the subject in all its aspects. It was suggested by the committee that further investigation for affiliation with another society be dropped.

Mr. E. C. Shuman of the Constitution Committee reported his committee had prepared several drafts of a constitution. The provisions in the Constitution were discussed point by point until agreement was reached on each provision presented. It was further decided that, unless there is some legal reason for doing otherwise, the society will maintain its incorporation in the State of West Virginia and that the name "Thermal Insulation Society" will be retained.

By James W. Harris, Secretary

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Cleveland, Denver, San Francisco, Los Angeles,
Baltimore, Seattle, Portland, Dallas, New Orleans

The Charleston Chapter of the Thermal Insulation Society held nine meetings in 1955 with speakers on the following subjects: "Some New Application Procedures"; Maintenance Painting as Related to Testing and Evaluation"; History and Progress of Materials and Methods for Insulation Maintenance"; "New Developments in Corrosion and Insulation Coatings"; "Flight of the Mercury"; "Masters of Maintenance"; "Refractories and Insulation in Modern Industry" and "A New Look at Insulation."

The officers elected for the year 1955-1956 were as follows:

President—H. O. Spangler, E. I. duPont de Nemours & Co.

Vice President—E. J. Havlick, Foamglas Division Pittsburgh Corning.

Secretary—W. W. Crossmock, Fiberglas Div. Owens Corning Glass.

Treasurer—R. J. Strock, American Viscose.

Board of Directors—A. R. Giles

R. L. Oehrig

W. L. Lickert

The speakers and talks, as scheduled up to May 1956, are as follows:

Jan. 24, 1956—"Gilsulate Insulation—Its Technical Aspects and Practical Uses"

John F. Williams, Technical Director
American Gilsonite Company

Feb. 21, 1956—"Recent Developments in Light Weight Insulation"

—H. W. Paul, Manager, Sales Technical Service.

L. O. F. Glass Fibers Company

Mar. 27, 1956—"Reflective Insulation and Its Uses"

Cecil W. Foster, Sales and Dev.
Engineering
Reflectal Corporation

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concerning asbestos fibre or sheets?

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Ohio, and Carey's technical sales
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The Philip Carey Mfg. Company,
Lockland, Cincinnati 15, Ohio
or call your nearest district office

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IN CANADA: The Philip Carey Co., Ltd., 277 Duke Street,
Montreal 3, P.Q.

Asbestos Mines: East Broughton, P.Q.

"ASBESTOS" — February 1956

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April 26, 1956—"Insulation Problems Discussion"

Moderator: A. R. Giles, Maintenance
Department

Carbide and Carbon Chemicals Company

May 22, 1956—"New Developments in Fire-Retardant
Coatings"

H. L. Pickel, Technical Director

W. Ellis, Chemist

Benjamin Foster Company.

*W. C. Turner, Program Chairman
Charleston Chapter*

3. Asbestos-Cement Products Association

A continuation in 1956 of the advertising and promotional program designed to advance the role of asbestos-cement siding in better class home construction was approved by the Asbestos-Cement Products Association at its October meeting.

The original program, initiated in 1955, utilized six strikingly original designs by outstanding architects. Each illustrated how asbestos siding can add beauty and charm to modern houses. These designs were used effectively in a series of full color advertisements, carried in magazines reaching builders and architects. They also were the basis of an attractive brochure which received wide circulation in the building field.

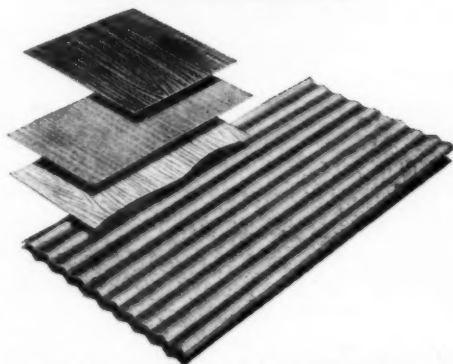
A new format was decided upon for the 1956 campaign. In it, the emphasis has been shifted to reaching builders. Rather than being in the ultra-advanced category, the six new designs possess a maximum degree of present-day appeal. In addition to featuring asbestos siding, the new designs show how attractive effects can be obtained through the use of asbestos roofing, flat sheets and corrugated sheets.

Again, an attractive booklet is being produced to supplement the advertising program.

An outstanding accomplishment of 1955 was the production of a new "Manual of Application Methods for Asbestos-Cement Siding". Its objective is to promote the use of sound and time-tested application methods. The manual

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**CORRUGATED ROOFING
AND SIDING**

•
National Gypsum Company • Buffalo 2, N. Y.

points out that asbestos siding is a high quality finishing material and has been designed and is produced with beautiful colors and textures to add a lifetime of beauty to the buildings on which they are used. It recognizes, however, that the final appearance of a structure covered with asbestos siding depends to a large extent upon the applicator contractor doing a neat and workmanlike job. The application procedures outlined are calculated to produce the kind of work that will do justice to an excellent sidewall covering.

Each of the Association's several committees carried on an extensive program of activities, with outstanding accomplishments in matters of technical nature, manufacturing progress, sales engineering and traffic expedition.

At the 18th annual meeting, held in Absecon, N. J., in June, E. J. O'Leary of the Ruberoid Company was elected Association president, succeeding Ernest Muehleck of Keasbey & Mattison Company. John W. Brown of the National Gypsum Company was named vice-president and Robert J. Tobin of Atlantic Asphalt and Asbestos, Inc., was re-elected treasurer. The Association's manager, Chester C. Kelsey, again was chosen as secretary.

The new executive committee, in addition to Mr. O'Leary and Mr. Tobin, includes Stuart H. Ralph of the Flintkote Company and William R. Wilkinson of Johns-Manville Corporation.

Committee chairman for the current year include: corrugated—L. R. Enslin, Keasbey & Mattison Company; government—R. C. Simmons, Johns-Manville Sales Corp.; manufacturing—A. K. Higbee, Johns-Manville; planning—Mr. Brown; publicity—J. M. Hoare, The Ruberoid Co.; sales engineering—H. D. Klein, Supradur Manufacturing Corp.; technical—F. W. Yeager, the Flintkote Company, and traffic—P. R. Bauer, Philip Carey Manufacturing Company.

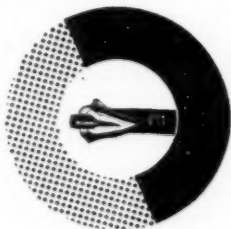
By Chester C. Kelsey, Manager



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SOUTH AFRICAN ASBESTOS MARKET REVIEW FOR 1955

While 1954 was a year of adjustment and consolidation for the South African asbestos industry, 1955 brought production increases, as a result of limited expansions, and a great degree of standardization. It also brought an increasing world interest in the Union's fibres.

Throughout the year prices remained fairly constant at levels which gave producers a very limited margin of profitability. An ever-present problem was the combating the rising costs. Higher wage demands from both European and native labor, increased railway rates and the application of the Silicosis Act to asbestos mines, necessitating the installation of efficient ventilation, had to be countered by reducing other costs, where possible, and by raising the grade and increasing production.

The year-end news of a higher level of prices for Canadian asbestos in 1956 came after many South African producers had already signed contracts to sell their 1956 production at the previous price levels. Hence most producers will gain no immediate advantage from the forthcoming price advances.

During the latter part of the year demand was good and the main problem was to meet contract tonnages and delivery schedules, many of which had fallen in arrear due to bad weather last summer.

Possibly the most noteworthy development in the Union's asbestos industry during the past year was the increased importance of Cape Blue fibre. This was believed to have resulted largely as a result of a publicity campaign undertaken during the year in the United States and elsewhere by Cape Asbestos Limited. Demand for this type of fibre has now reached such proportions that producers state it is at least twice the current annual production rate. Demand has spilled over into the Transvaal Blue market.

With one or two notable exceptions, Chrysotile production made little headway. The Amosite market remained largely in the hands of one leading producer, whose output increased.



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AUSTRALIAN MINERAL INDUSTRY 1954 REVIEW

Asbestos production in Australia during 1954 was slightly lower than in 1953, but imports and actual consumption were of record high levels.

The excess of imports over exports was the highest ever recorded, both as to quantity and value. The proportion of dollar expenditures in the value of net imports was 56% compared with 64% in 1953.

Crocidolite production from Wittenoom, W.A., was 3,974 tons, practically the same rate as in 1953, but recorded chrysotile production from Nunyerry and Lionel, W.A., was lower at 303 tons. Production of chrysotile at Beryulgil, N.S.W., totaled 616 tons, a slight increase over that for 1953. Total production of fibre was 257 tons less than the 1953 record of 4,970 tons. Production recorded by the Western Australian Mines Department represents despatches as distinct from actual mine production.

Exports during 1954 were 30% below the record peak of 1953 and total value was £130,000 lower. Details of the types and grades exported are not available, but it is estimated that the majority is Grade 3 crocidolite and the balance long-fibre chrysotile from Nunyerry.

Imports of asbestos fibre in 1954 reached the record total of 33,888 tons valued at £2,608,332.

The increase in total imports in 1954 was due to heavier buying of Canadian, African and Rhodesian chrysotile, and there was no appreciable change in the quantities of other fibres imported.

Domestic consumption during 1954 rose to an estimated 32,000 tons compared with 28,000 tons in 1953 and 26,000 tons in 1952. Approximately 95% (30,000 tons) is used in the manufacture of asbestos cement products, and the remainder for floor tiles, battery boxes, brake linings, insulation, etc. The proportion of each type of fibre used is not known, but it may be in the region of 60% chrysotile, 30% amosite and 10% crocidolite.

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27 Front St., East

NEW 1956 ACIL DIRECTORY

The 1956 Edition of the DIRECTORY OF THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC. has just been released by the publisher. In addition to scope sheets for 67 member laboratories which provide details of facilities and services, this Edition of the Directory includes an extensive Index of Services and Facilities.

The Index of Services, appearing for the first time in this new edition lists over four hundred categories of services from abrasive testing to wool testing, from adhesives to waxes, from air pollution to vitamin research. Each category lists through code numbers the member laboratories specializing in each field as well as those qualified but not specializing.

The American Council of Independent Laboratories is the professional association of the nation's leading independent scientific laboratories. Organized in 1937, the association has 67 research, testing, and inspection laboratories, with 65 branches located in the chief metropolitan centers of the country.

Copies of the Directory may be obtained, free of charge, by writing on company letter-head to: H.M. Dudley, Executive Secretary, American Council of Independent Laboratories, Inc., 4302 East-West Highway, Washington 14, D. C.

The Insulation Distributor-Contractors National Association's fourth general meeting is scheduled for February 23rd and 24th, 1956 in New Orleans at the Roosevelt Hotel. It will be the high spot of all association activities to date. The program being arranged is packed with items of interest to everyone in the industry, and designed to develop a free exchange of information between members. Mark your calendar now and make your plans to be there.



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ASPHALT AND ASBESTOS BUILDING MATERIALS

ASBESTOS-ITS ORIGIN, PRODUCTION AND UTILIZATION - BY W. E. SINCLAIR

This book, published at the end of 1955, gives a comprehensive picture of the Asbestos Industry as a whole. It aims to present a generalized cross-section of the mineral from its source to its end use. The data for its compilation has been drawn from Mr. Sinclair's study of many years, combined with his varied experiences in the asbestos field and from the study of others.

The book contains 360 pages, 15 plates and 100 illustrations. The following chapter headings are: History of Asbestos Down the Years; Varieties of Asbestos; Form and Nature of Asbestos Deposits; World Distribution of Asbestos Deposits; Production Methods (Mining); Evaluation of Asbestos Ore-Bodies; Production Methods (Milling); Classification, Grading, Marketing and Prices; Commercial Application; Synthetic Asbestos and Substitutes; and Economic Considerations.

Price is \$9.00, including postage and can be obtained from the Technical Bookshop, Book Department of the Mining Magazine, 482 Salisbury House, London E. C. 2, England.

"ASBESTOS" will be glad to place orders for interested readers.

The National Safety Council has published a new and greatly expanded edition of its Accident Prevention Manual for Industrial Operations.

The 3rd Edition of the Manual is a 1341-page encyclopedia of safety that entailed more than three years of research, writing and revision by Council engineers and other safety specialists from industry, government and other groups.

The Accident Prevention Manual is priced at \$13.50 and may be purchased from the National Safety Council, 425 N. Michigan Ave., Chicago 11, Ill. For those desiring more complete information on the subject matter covered in the Manual, a descriptive folder will be sent on request.

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Wool and Nylon Blend Fleece

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To Meet

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ASBESTOS PAPER

** Our Patented Construction Places the Nylon Where
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DRYCOR FELT COMPANY

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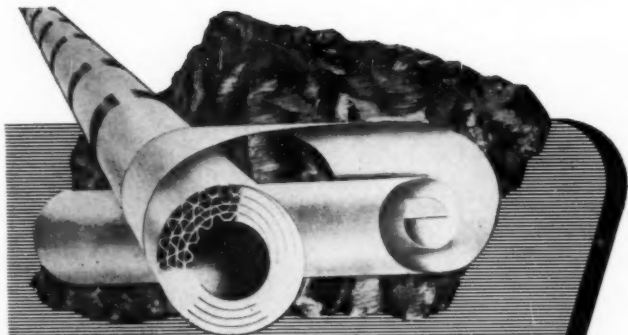
** Nylon Has Proved Itself Essential in Asbestos Cement Felts*

A. S. T. M.

A group of Bibliographical Abstracts on Evaluation of Brightening Agents for Detergent Usage has been published by the American Society for Testing Materials. Brightening agents are essentially colorless dyes which, when applied on textiles, absorb ultraviolet irradiation and emit light of a blueish hue complementary to the yellow tint already present on the off-white substrate. In this manner the brightening agents impart a greater apparent whiteness to the materials treated. Although brighteners were originally applied to paper, they were incorporated in detergent compositions about 1945. The growth of this application has expanded to the point where brightening agents are available for most types of fibre and detergent compositions. The literature has grown so that a bibliography of the published methods were desirable. This bibliography has been prepared by Lloyd E. Weeks, of the Monsanto Chemical Company a member of Subcommittee T-5 on Physical Testing of ASTM Committee D-12 on Soaps and Other Detergents.

Thirty-seven titles and abstracts are included. References are numbered consecutively and are listed by year and then by author or by journal if the article is anonymous. Copies of the bibliography may be purchased from the American Society for Testing Materials, 1916 Race Street, Philadelphia 3, Pa., at \$1.50 per copy.

In the article "Minerals Mobilization Industry Advisory Committees Announced," in our January 1956 number, we would like to include the name of Robert E. Cryor, President, North American Asbestos Corporation, as a member of the Asbestos Industry Advisory Committee.



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ASBESTOS DIVISION

NICOLET INDUSTRIES, INC.

NORRISTOWN, PA.

MARKET CONDITIONS

GENERAL BUSINESS.

General business conditions are excellent and promise to continue so for an appreciable length of time. The capital goods producers are enjoying good business and, based on planned expenditures by many leading producers of consumer goods for new plants and equipment, 1956 should be a banner year for heavy industry.

Tightening of credit has thus far kept the boom from getting out of hand and in some industries, notably home-building, there are indications that credit restrictions will actually lead to a lessening of activity during the coming months. However, it should be obvious to those who have lived through "boom and bust" cycles of the past that temporary slow downs in scattered sections of the economy would be a cheap price to pay to avoid a major depression affecting the entire national and world economic situation.

ASBESTOS — RAW MATERIAL.

After completing a record year of production shipments the Asbestos Fibre Producers are facing the relatively slow months of January and February.

There has been the usual reduction in shipments due to elimination in boat shipments from the St. Lawrence River and there has also been a let up in the demand for Asbestos Shorts which is believed to be of a temporary nature.

It is generally expected that the monthly shipments of February and March will run from 20 to 25% below the peak months of the year.

ASBESTOS — MANUFACTURED GOODS.

Asbestos Textiles. There appears to be a slight improvement despite the fact that federal government purchasing has not increased. Continued strength will be largely guided by pattern of auto industry and steel. Regular commercial business is not substantial enough to maintain extended production.

Asbestos Brake Lining. Replacement sales should continue at record high levels for at least the first quarter due

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to increased number of older cars on the road that will be coming in for re-lines. Equipment production will be off at least 15% from '55.

Asbestos Paper. Sales continue good. 1955 will show a slight increase over the previous year due to large volume of construction. This year is expected to be good although not up to the high level of last year. Sales for *Millboard* show a good increase over 1954. Technological advances requiring greater use of materials for heat protection should keep sales at a high level during this year. At the present time the demand for *Saturated Paper* is less than production, which is usual due to winter conditions that curtail roofing work.

Insulation. High Pressure. Low demand for high pressure insulation is being experienced. Basic heavy industries such as steel, petroleum and utilities plan major expansions which should provide a good market for 1956; probably will not exceed 1955 but should be equally as good.

Insulation. Low Pressure. Sales continue to show an increase over 1954. Considerable commercial construction during 1956, to keep pace with the population growth, will undoubtedly provide a good market in this field for the year.

Asbestos Cement Products. This market is seasonally weak.

The last quarter of 1955 reflected a decline in demand for asbestos siding, however January 1956 shipments for a three week period show a slight increase over the same period in 1955.

At the present time production exceeds the demand for corrugated and flat.

Demand for asbestos pipes has subsided which is customary this time of the year, but the future outlook for sales of all types of A-C pipes looks good.

The above comments have been made by various informed executives in the industry. All comments are welcome.

FLINTKOTE MINES LIMITED



View of site at Thetford Mines, Quebec



◀ *Modern, self-propelled drilling equipment*



Electric shovel and huge diesel truck at the Flintkote Thetford Mine

**Flintkote...a major asbestos producer
... now offers asbestos fibres for sale.
Inquiries should be addressed to**

**Flintkote Mines Limited
(subsidiary of The Flintkote Company)
Thetford Mines, Quebec, Canada**

BUILDING

Contract awards for future construction listed in the Dodge Reports in December and for the whole of 1955 set several new high dollar records, F. W. Dodge Corporation recently announced. The reports cover the 37 states east of the Rockies.

The year's total of 23,745,277,000 was an all-time high; 20 percent higher than the 1954 total which itself broke all previous records.

Last year was the 10th successive year of new record volumes. It set new records in all three of F. W. Dodge's basic classifications; non-residential, residential, and heavy engineering. The residential classification hurdled the 10 billion mark for the first time in Dodge history.

December set the top mark for any December, at \$1,920,754,000; up five percent from December of 1954. Both the non-residential and heavy engineering classifications set new December records. Residential contracts in dollars were the second largest for any December yet recorded.

"Striking features of the year 1955 were as follows," said Thomas S. Holden, Dodge's vice chairman:

"In two months last Spring residential contract figures went above the billion mark for the first time. In three other months early last year the contracts were quite close to the billion mark. A moderate leveling off in housing contracts and starts during the latter part of the year came about largely as a result of tightened credit.

"The sheer extent of the 20 percent gain in the total Dodge figure over 1954 is worthy of note. The gain of 1954 over 1953 was only 13 percent. Furthermore, it is also noteworthy that all three of our major classifications—residential, non-residential, and heavy engineering—showed nearly equal percentage gains over 1954; each gaining almost exactly one-fifth. The nation's 1955 construction program as a whole was a better rounded one than that of the previous year."

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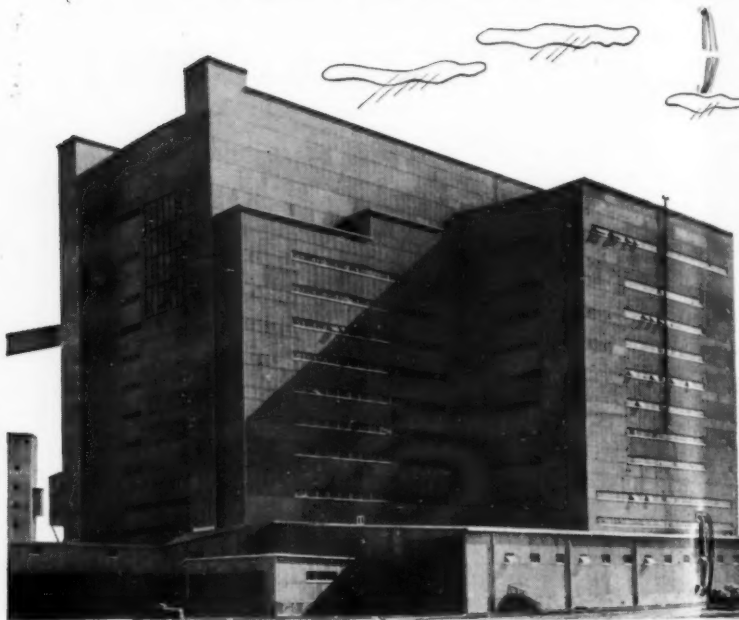
Inquiries for Details, Quotations and References are welcome.

ING. G. MARCHIOLI
22 Morgagni, Milan, Italy

Cable: MINITA—MILANO

Phone: 26 67 27

Johns-Manville's **GIANT** N ... assures asbestos fibre users u dependable supply for prese




By 1956, the capacity of this new mill will be about 625,000 tons.
14 stories high, it has 22½ acres of floor area.

Asbestos Fibre Division . . .

IT NEW ASBESTOS MILL

users uniform quality and
present and future needs



ALREADY in operation, the new Jeffrey Asbestos Mill of Johns-Manville is the largest in the world. Its full production capacity will be greater than one-third the free world's supply of fibre. Its ultra-modern machinery can produce cleaner, higher quality fibre in closer conformance to customer requirements than possible with conventional equipment. In addition, the "pressure packing" system of shipping used at this mill and developed by Johns-Manville, results in substantial customer economies. For more information, write to the address below.



"Shorts" and "floats" of asbestos fibre are blended in varying amounts for different uses in this automatic batching equipment.



Asbestos fibres are pressure-packed in uniform 100-lb. blocks at the mill. This new method simplifies storage and handling, reduces freight charges.

Canadian Johns-Manville Co., Ltd.
Asbestos, P.Q., Canada

Telephone ASbestos 100

"THE STRANGEST MINERAL EVER KNOWN"

Asbestos, the strangest mineral ever known, has interested explorers, scientists and writers since ancient times. Today, it is one of Canada's most important natural resources and this book has been published, so that those who write, broadcast or simply talk about Canada in this individual age may know the facts about this magic mineral.

This book was written and produced by the Quebec Asbestos Information Service, 1222 University Street, Montreal, P.Q., Canada, where up-to-date information about Quebec's asbestos mines may be obtained at any time.

AVAILABLE

Anthophyllite Asbestos Fibre in various lengths. **HIGH ACID RESISTANCE.** Address: Box RRE-2N-NY, "ASBESTOS," 807 Western Saving Fund Bldg., Philadelphia 7, Pa.

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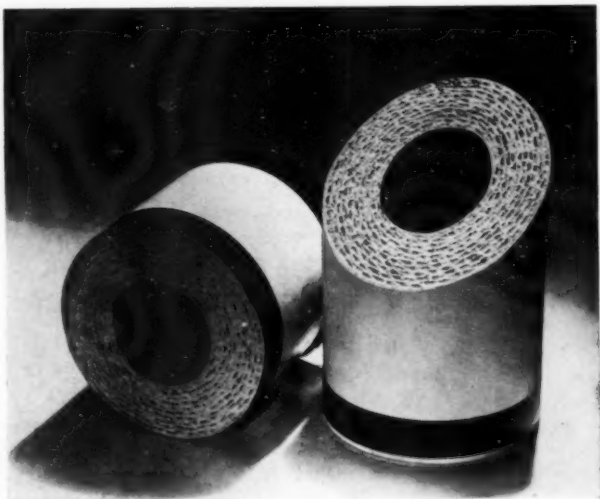
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Wool Felt

Frost-Proof

Asbestos Aircell Sheets

Asbestos Paper

2128 Westchester Ave., Bronx 62, New York
Branch Plant—Red Hook, N. Y.

AUTOMOBILE SALES

December 1955

Passenger Cars	695,043
Motor Trucks	103,556
Motor Coaches	410

799,009

In December 1954, a total of 766,185 motor vehicles were sold. Sales for the year 1955 amounted to 9,169,144.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Mich.

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CRUDES
and

FIBERIZED ASBESTOS
The World's Finest Fibres

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Board of Trade Building, Chicago 4, Illinois

In Canada

CAPE ASBESTOS (Canada) Ltd.

200 Bloor Street East, Toronto, Ontario

PRODUCTION STATISTICS

Canada.

In the preliminary estimate published by the Dominion Bureau of Statistics, Ottawa, the production of asbestos during 1955 is given as 1,055,266 tons, valued at \$98,690,514, compared with a production in 1954 of 924,116 valued at \$86,409,212.

Nonmetallic minerals increased 14 per cent in value to a new high of \$149 millions. The shipments of asbestos exceeded a million tons and approached \$100 million in value.

Canada.

(Department of Mines, Province of Quebec)

Tons 2,000 lbs.

Production for November 1955 (Quebec)	108,603 tons
Other Provinces	3,929
	112,532

Total production for November 1954 was 87,443 tons.

Africa (Rhodesia)

(Published by Rhodesian Chamber of Mines)

Tons 2,000 lbs.

Production for September 1955	9,242.74 tons
Valued at	£487,894
Production for September 1954	6,892.74 tons
Valued at	£593,104

Swedish Asbestos Imports (October)

Sweden imported 721,522 kilos of asbestos in October, according to the latest Swedish Custom and Excise figures. This pares with the 900,090 kilos imported in September.

SITUATION WANTED

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OR FROM BUFFER STOCKS IN LONDON

We process to customers' requirements all types of Asbestos
ENQUIRIES WELCOMED FOR

CAPE BLUE TRANSVAAL BLUE • AMOSITE • CHRYSOTILE ETC.

IMPORTS AND EXPORTS

Imports into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	October 1955
	Tons (2240 lbs.)
From: Canada	52,212
Union of S. Africa	1,323
Rhodesia (Ny.)	36
Other Countries	17
	53,588
Valued at.....	\$4,440,533

By Grades:

Crude No. 1, Chrysotile, Rhodesia (Ny.)	18
Crude No. 2, Chrysotile, Rhodesia (Ny.)	18
Crude, Other, Chrysotile, U. of S. Africa	64
Crude, Other, Chrysotile, Other Co'tries	9
Crude, Blue, U. of S. Africa	752
Crude, Amosite, U. of S. Africa	507
Textile Fibres, Chrysotile, Canada	1,526
Textile Fibres, Chrysotile, Other Co'tries	2
Shingle Fibres, Chrysotile, Canada	5,605
Paper Fibres, Chrysotile, Canada	4,120
Other Fibres, Chrysotile, Canada	40,961
Other Fibres, Chrysotile, Other Co'tries	6
	53,588

Manufactured Asbestos Goods:

	October 1955	
	Quantity (Lbs.)	Value
Asbestos Yarn, Canada	16,973	\$ 22,406
Asbestos Yarn, United Kingdom	49,650	42,612
Asbestos Yarn, Other Countries	2,400	3,436
Asbestos Packing & Lining	283	936
Asbestos Shingles (Impreg.)	58,200	4,929
Asbestos Shingles Not Impreg.)		
Canada	1,094,802	105,024
Mexico	374,881	24,107
Italy	2,007,058	87,389
Other Countries	15,200	1,310

BELL ASBESTOS MINES LTD.

THETFORD MINES, QUE.

CANADA



***Producers of
Raw Asbestos Crudes
& Fibres***



Sales Representatives

for

Cassiar Asbestos Corporation Limited

Asbestos Manufactures—Others,

Canada	13,855
Other Countries	4,603

3,619,467 \$310,609

Exports From U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	October 1955	
	Tons (2240 lbs.)	Value
To: Europe	82	\$ 9,530
Mexico	18	5,939
Australia	18	1,432
South America	32	5,100
United Kingdom	50	3,572
	200	\$26,573

Manufactured Asbestos Goods:

	October 1955	
	Quantity	Value
Asbestos Pipe Covg. & Cement .. Lbs.	799,526	\$98,674
Asbestos Textiles & Yarns .. Lbs.	53,808	62,701
Asbestos Packings .. Lbs.	146,615	160,356
Asbestos Clutch Facings .. No.	95,249	86,254
Asb. Bk. Lng. (Mid. & S. Mid. Lin. Ft.	143,855	47,078
Asbestos Bk. Lining, Rolls .. Lin. Ft.	25,652	19,262
Asbestos Bk. Lining — Other .. Lbs.	500,949	423,827
Asbestos Construction Materials .. Lbs.	2,792,186	263,244
Asbestos Manufactures ..		48,746
		\$1,210,142

Union of South Africa

(Quarterly Information Report — Dept. of Mines)

2nd Quarter April, May and June 1955)

	Production		Local Sales		Exports	
	Tons	Tons	Value	Tons	Value	
Amosite	13,451	2,493	£47,836	10,959	£ 449,230	
Anthophyllite	185	116	1,593			
Chrysotile	4,205	946	30,067	5,234	349,405	
Cape Blue	7,135	165	8,268	7,878	597,608	
Transvaal Blue	4,324	115	7,087	5,741	370,945	
	29,300	3,835	£94,846	29,812	£1,767,188	

Australia — Statistics

(Published by Bureau of Mineral Resources, Geology and Geophysics, Dept.
of National Development)

Tons 2240 lbs.

	Quarter ending June 30, 1955
<i>Production</i>	
Chrysotile	159 tons
Crocidolite	815
	<hr/>
	965
<i>Imports</i>	
Amosite	2,716 tons
Chrysotile	7,898
Crocidolite	63
Other	43
	<hr/>
	10,720
<i>Exports</i>	
Chrysotile	11 tons
Crocidolite	1,105
Other	1
	<hr/>
	1,117

I M P E X

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Johannesburg / South Africa
Telephone: 33-2080

Exports from Canada

(Published by Dominion Bureau of Statistics)

Unmanufactured Asbestos:

	October 1955	
	Tons (2000 lbs.)	Value
<i>Crude</i>		
United States	11	\$ 7,668
United Kingdom		
South America		
Central America & Mexico		
European Countries	6	4,685
Other Countries	10	6,200
	27	\$ 18,553
<i>Milled</i>		
United States	12,946	\$2,194,908
United Kingdom	3,060	553,977
South America	1,928	331,486
Central America & Mexico	580	89,280
European Countries	4,925	967,519
Other Countries	2,993	469,351
	26,432	\$4,606,521
<i>Shorts</i>		
United States	44,269	\$2,044,598
United Kingdom	4,500	182,368
South America	590	45,061
Central America & Mexico	70	5,390
European Countries	4,889	278,538
Other Countries	785	59,137
	55,103	\$2,615,092
Grand Total — Unmanufactured		
Asbestos	81,562	\$7,240,166
<i>Manufactured Asbestos Goods:</i>		
Brake Lining		\$ 39,149
Packing		
Other Materials		202,081
		\$ 241,230

RECTOR MINERAL TRADING CORP.

The Rector Mineral Trading Corporation of 551 Fifth Avenue, New York 17, N. Y., announce they are now keeping stocks also in Chicago, and are in a position to give very favorable prices on corkboard. They invite inquiries for carloads of 42,000 board feet, 30,000 board or LCL quantities.



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NEWS OF THE INDUSTRY

HAPPY BIRTHDAY

- C. J. Sherer, Vice President & Treasurer, Russell Mfg. Company, Middletown, Conn., February 18.
- I. J. Harvey, Jr., President & Director, The Flintkote Company, New York City, February 20.
- Clarence E. Witherspoon, President, Asbestos Construction Co., Inc., New York City, February 20.
- G. W. Marshall, Jr., Vice President, Raybestos-Manhattan, Inc., Manheim, Pa., February 21.
- George W. Smith, President, Bell Asbestos Mines Limited, Thetford Mines, Canada, February 22.
- Robert E. Cryor, President, North American Asbestos Company, Chicago, Ill., February 23.
- J. Albert Taylor, Vice President & Secretary, Wallace & Gale Company, Baltimore, Md., February 24.
- A. S. Johnson, President, Johnson's Co., Ltd., Thetford Mines, Canada, February 28.
- Leonard Krez, President & Treasurer, Paul J. Krez Company, Chicago, Ill., February 28.
- A. S. P. Sangster, General Works Manager, Wunderlich Limited, Sydney, Australia, March 2.
- John H. Matthews, Executive Vice President, Raybestos-Manhattan, Inc., Passaic, N. J., March 3.
- Carl Bindman, Sales Manager, Johnson's Company, Thetford Mines, Canada, March 7.
- M. E. Curtis, President & Treasurer, Curtis Asbestos Company, Boston, Mass., March 7.
- T. J. Callans, Vice President & Treasurer, Southern Insulation Corp., Memphis, Tenn., March 8.
- P. M. Taft, President, Taft-Jenkins Company, Holyoke, Mass., March 9.
- Thomas J. Casey, Treasurer, Asbestos Corporation of America, New York City, March 10.
- W. L. Markert, President, Brooks-Fisher Insulating Company, Atlanta, Ga., March 10.
- M. R. Carr, President, H. W. Porter & Co., Inc., Newark, N. J., March 11.
- A. Lines, Superintendent Durabestos Works, Wunderlich Limited, Parramatta, Australia, March 11.
- James E. Wallace, Vice President, John W. Wallace & Co., Hoboken, N. J., March 11.
- Theodore D. Wallace, Secretary & Treasurer, John W. Wallace & Co., Hoboken, N. J., March 11.

To all these gentlemen we extend best wishes and congratulations on the occasion of their birthdays.

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ARIZONA CHRYSOTILE CRUDES

and

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Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

1-51 Paterson Avenue

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JOHNS-MANVILLE

Annual Report

For the sixth successive year Johns-Manville's sales volume in 1955 established a new high record, according to the 97th anniversary report mailed on January 30, 1956.

Consolidated net earnings of Johns-Manville Corporation in 1955 were \$23,511,183, which was \$6,855,525 more than net earnings of \$16,655,658 in 1954. Earnings per share of stock were \$7.37 in 1955, compared with \$5.24 per share in 1954.

The 1955 earnings were the second highest in the company's history, being exceeded only by 1951 earnings of \$24,530,509.

Dividends of \$4.25 per share paid on the common stock in 1955 amounted to \$13,573,464. There were 3,202,063 shares of common stock outstanding at the end of 1955, compared with 3,181,530 at the end of 1954.

Construction of a new mill at the company's Jeffrey asbestos mine in Asbestos, Quebec, continued with completion planned in 1956.

A large new warehouse for asbestos fibre is also under construction at Asbestos which will provide greater flexibility in storing and shipping fibre to customers as well as helping to level out employment by increasing fibre storage space during winter months when weather conditions hamper shipments.

Expansion of underground mining operations at the Jeffrey mine and development of underground mining at the company's Munro mine in Northern Ontario are also continuing.

Total production of asbestos fibre from the Canadian mines in 1955 was 592,000 tons. This is an all-time record. Because of delays in starting there was limited production of asbestos fibre in Southern Rhodesia from the mines of Rhodesian Asbestos Limited, in which Johns-Manville has a 51 percent interest.

HERCULES FILTER DEVELOPS NEW UNIT

The Hercules Filter Corporation of Hawthorne, N. J. have just developed a new Hercules unit—a Suction System Filter for water and aqueous solutions, for sewage disposal and the elimination of stream pollution.

The Hercules Suction System Filter operates with a negative pressure of about 12 pounds (24-26 inches of vacuum). Because of the vacuum, atmospheric pressure supplies all the pressure required. The new Hercules suction system of filtration is extremely economical. Its advantages include: (1) low first cost—since no pressure vessels are needed; (2) versatility—the new filter will process a broad range of products; (3) compactness—the leaves and tank are rectangular and reduce floor space to a minimum.

The new Hercules Suction System Filters are available in capacities up to 1000 sq. ft. area.

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THETFORD MINES, P.Q., CANADA**

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**ALL SPECIAL ASBESTOS MILLING
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COMPLETE ASBESTOS MILLS



We have facilities for evaluating bulk samples of asbestos ore including processing with latest air swept mill equipment.

*Your inquiries for additional information
are welcomed*

CASSIAR ASBESTOS CORPORATION LIMITED
Fourth Annual Report

The fourth Annual Report, dated September 30, 1955, of the Cassiar Asbestos Corporation Limited (of Toronto, Ont., Canada) has been received from F. M. Connell, President.

During the year the company earned a net profit of \$686,092 after providing depreciation aggregating \$578,898. As reported by the General Manager, due to the necessity of milling development ore from the cirque valley, operations during December 1954 to June 1955, inclusive, were unprofitable. Mining the main orebody was resumed July 1, 1955, and recovery of fibre and profit have been very satisfactory since that date.

At the close of the mining season on November 4, 1955 there were 47,350 tons in the dry rock storage and 72,440 tons in the stockpile, sufficient to supply the mill until mining operations begin again in June of 1956.

The major construction work during the summer was the erection of the tramline, which was nearing completion at the year-end. It is expected that about two weeks' work, when conditions permit in the spring, will be required to complete construction.

**E. M. BOLLAERT TO RECEIVE
ASBESTOS-STORY RING**

Edgard M. Bollaret of Princeton, Illinois, has been elected to receive Casting No. 6 of the Asbestos-Story Ring.

Mr. Bollaret is presently connected with the Van-Packer Corporation at Buda, Illinois. During the last 26 years of his identification in the Asbestos Industry, he has been associated with such Companies as Flintkote Company, U. S. Gypsum Company, Pabco Products, Incorporated, and the Philip Carey Mfg. Company. He was co-founder of the Pacific-Asbestos Cement Products Corporation in San Bernardino, California, and has to his credit several patents on methods and processes for the manufacture of Asbestos-Cement Products.



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UNION CHRYSOTILE

Scottro Asbestos Mines

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Kuruman Cape Blue Asbestos

Grades: 1, 2, 3

TRANSVAAL BLUE

Baboon Asbestos Co.

Springbok Asbestos Co.

Grades: TD1, TD2, TD3, TD4

SIR SAMUEL TURNER PASSES AWAY

Sir Samuel Turner passed away at his home, North Dean, Hughendon, High Wycombe, Bucks, England, at the age of 77, on December 23, 1955.

Sir Samuel had been associated with the Asbestos Industry since 1896, in which year he joined the staff of Turner Brothers, the predecessors of Turner Brothers Asbestos Co. Ltd. Sir Samuel was an original member of the Board of Turner & Newall Ltd. on the formation of the Company on February 12, 1920, and was appointed Deputy Chairman on December 17, 1926. He became Chairman of Turner & Newall Ltd. on December 20, 1929 and held that office until September 30, 1944.

During Sir Samuel's many active years he was one of the great leaders, not only in the world-wide Asbestos, but also

NEW APPOINTMENT AT BIRD & SON

Fred A. May has been appointed Sales Manager of the newly created Mid-South Sales Division of the Building Materials Division of Bird & Son, Inc. He will direct sales in the states of Alabama, Mississippi, Arkansas, Oklahoma, Southern Kansas, Western Tennessee and the Florida Panhandle.

Mr. May joined Bird & Son as a salesman in the East Texas territory in 1941. Since 1945 his territory has also included the Shreveport territory.

DR. GERHART ROSENBAUM RETURNS TO U. S. A.

We have been advised that *Dr. Gerhart Rosenbaum* has recently arrived in the United States. Many of our readers will remember him as a leading asbestos-cement technologist, especially in the line of asbestos-cement pipes. His latest position was the prospecting of asbestos deposits in Bolivia and the construction of a very small asbestos-cement sheet plant in the same country. He is now located at 11035 Strathmore Drive, Los Angeles 24, California.

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*Reaching and selling the nation's
top aggressive contractors each month*

SELL YOUR PRODUCT IN RSI

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the highest buying power in the trade.**

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COMMITTEE C-16—THERMAL INSULATION

Committee C-16 held a fruitful meeting on October 24-26 1955 at the Nittany Lion Inn, University Park, Pa. The location of the meeting at Pennsylvania State University provided an opportunity for members to inspect the research program sponsored by the committee on the effect of moisture on thermal insulating properties.

Two new tentative specifications were reviewed, prior to submittal to subcommittee letter ballot or comment; a specification for mineral wool felt insulation industrial type) for elevated temperature up to 300 F; and a specification for batt or blanket type thermal insulation for buildings. A revised final draft of an emissivity test method will be submitted for subcommittee letter ballot.

CURRENT RANGE OF PRICE

As of February 10, 1956

Arizona—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona
No. 1 Crude (soft)	\$1,500.00 to \$1,750.00
No. 2 Crude (soft)	900.00 to 1,050.00
No. 3 Crude (soft)	400.00 to 450.00
Filter Fibre (soft)	250.00 to 450.00
No. 1 Crude (semi-soft)	1,200.00 to 1,500.00
No. 2 Crude (semi-soft)	900.00
No. 3 Crude (semi soft)	400.00
Canada—	Per Ton 2000 lbs. f.o.b. Mine
Group No. 1 (Crude No. 1)	\$1,400.00 to \$1,725.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	750.00 to 1,100.00
Group No. 3 (Spining Fibre)	350.00 to 575.00
Group No. 4 (Shingle Fibre)	170.00 to 225.00
Group No. 5 (Paper Fibre)	110.00 to 140.00
Group No. 6 (Waste, Stucco or Plaster)	82.00
Group No. 7 (Refuse or Shorts)	38.00 to 75.00
Vermont—	Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.
Group No. 3 (Spinning & Filtering)	\$ 353.00 to \$ 383.00
Group No. 4 (Shingle Fibre)	172.00 to 190.00
Group No. 5 (Paper Fibre)	114.00 to 145.00
Group No. 6 (Waste, Stucco or Plaster)	82.00
Group No. 7 (Refuse or Shorts)	39.00 to 72.00

WANTED

An established Mid-West contractor-distributor could use a contract department manager. Proposition will be determined by qualifications of Applicant.

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(PROPRIETARY) LIMITED

*The largest exporters of Chrysotile Fibre
mined in the Union of South Africa*

**BARBERTON, STOLTZBURG AND DOYERSHOEK
CHRYSTILE ASBESTOS MINES**

Loveday House Cables
P.O. Box 1364, Johannesburg "CHRYSTILE," Johannesburg

ARIZONA ASBESTOS

Mined and Milled by

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1219 S. 19th Avenue

PHOENIX, ARIZONA

**Producers of Low Iron Chrysotile
Crudes and Filter Fibre**

MINES AND MILL IN GILA COUNTY

FEDERAL BELTING & ASBESTOS COMPANY, LIMITED

The Federal Belting & Asbestos Company Limited of Toronto, recently announced the following appointments: *Victor H. Oakley*, Vice-President and managing Director; *Frank C. Carell*, Sales Manager, Federal Industrial Division; *John G. Kelsall*, Sales Manager, Federal Industrial Division, Mr. Caveil, Mr. Kelsall and Mr. Arthur C. Harrison manager, of the Vancouver Branch Warehouse, were also elected to the Board of Directors. The Company is prominent in both the Automotive and Industrial fields, featuring Mintex Brake Linings, Equipment and specialized products as well as for all industrial applications.

ASBESTOS STOCK QUOTATIONS

These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

	Par	January 1956		
		Low	High	Last
Amer. Br. Shoe (Com.)	np	38½	41%	40¼
Amer. Br. Shoe (Pfd.)	100	104	106	105
Armst. Ck. (Com.)	1	29½	30½	29½
Armst. Ck. (Pfd.)	np	97½	100	99¾
Asbestos Corp. (Com.)	np	40	43	40
Carey (Com.)	10	25½	27	26¼
Cassiar Asb. Corp.	np	\$8.25	\$9.10	\$8.80
Celotex (Com.)	np	34%	36%	35½
Celotex (Pfd.)	20	19%	19%	19½
Certainteed (Com.)	1	22¼	25%	23
Dominion Asb. Mines	1	15c	19c	17c
Flintkote (Com.)	np	36½	38¼	37½
Flintkote (Pfd.)	np	103½	104	104
Johns-Manville (Com.)	np	82	89%	84¼
Natl. Gypsum (Com.)	1	45%	51¼	47½
Natl. Gypsum (Pfd.)	np	103½	104½	103½
Pabco Products (Com.)	np	33%	37½	34¼
Pabco Products (Pfd.)	100	110	118	113
Ray-Man (Com.)	np	53%	56	54½
Ruberoid (Com.)	1	34¼	36%	35¼
Thermoid (Com.)	1	10%	11%	11¼
Thermoid (Pfd.)	50	44½	46½	44½
Union Asb. & Rub. (Com.)	5	7	7%	7½
United Asb. (Com.)	1	\$6.65	\$7.60	\$7.50
U. S. Gypsum (Com.)	20	276	310	282
U. S. Gypsum (Pfd.)	100	178½	179	179
U.S. Gypsum (when issued)		54½	63%	56½
U. S. Rubber (Com.)	5	49%	55½	52%
U. S. Rubber (Pfd.)	100	166½	169	168

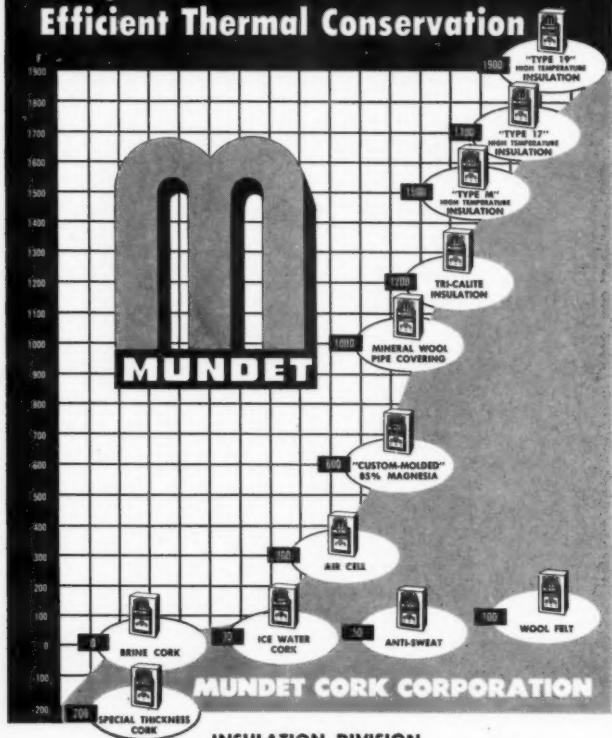
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RAW ASBESTOS DEPARTMENT

**FOR CANADIAN, RHODESIAN
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Complete Service for Efficient Thermal Conservation



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ATLANTA • BALTIMORE • CINCINNATI 2 • DETROIT 38

HOUSTON 11 • JACKSONVILLE 2, FLA. • KANSAS CITY 1, MO.

LOS ANGELES • NEW ORLEANS 16 • NEW YORK 17

PHILADELPHIA 39 • SAN ANTONIO • SAN FRANCISCO 7 • ST. LOUIS 9

In Canada: Mundet Cork & Insulation, Ltd., Toronto

H. DeWITT SMITH MEDAL TO BE AWARDED

Committee D13 on Textile Materials of the American Society for Testing Materials will present the Harold De Witt Smith Memorial Medal to *Dr. Arthur G. Scroggie* of E. I. de Pont de Nemours & Co., Inc. The presentation will be made at a ceremony on March 15, during the Spring Meeting of Committee D-13, March 13 to 16, at the Hotel Warwick, New York City.

The medal is a testimonial to the memory of the late Harold De Witt Smith who pioneered in the concept of an engineering approach to the evaluation of the properties of textile fibres and to their utilization. It was endowed by Fabric Research Laboratories, Inc., Boston, and is awarded at intervals of not less than one year by Committee D-13 for outstanding achievement in research on fibres and their utilization.

Dr. Scroggie is Manager of the Characterization Laboratory of the Textile and Industrial Products Research Division of the Textile Fibres Department of E. I. de Pont Nemours & Co., Inc., Wilmington, Delaware. He joined the company in 1928 and for several years was Supervisor of Analytical Research in the Rayon Research Division.

» ATLANTA «

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Raw Asbestos**

ACE ASBESTOS MANUFACTURING CO.

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RAW ASBESTOS

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Every Use*

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JERSEY CITY, N. J.

THERMOID TO OPEN MEXICO CITY PLANT

Production of Thermoid automotive brake lining and related products is scheduled to begin shortly in a new Thermoid plant recently acquired in Mexico City. The new plant will distribute its products through previously established channels of distribution. The same high standards of quality control which prevail in the home plant at Trenton will be followed in the new plant.

Results of extensive study of the future economic development of Mexico prompted Company officials to locate a manufacturing plant here. A yearly 13 per cent increase in the Mexican automotive market during the foreseeable future is anticipated.

Although Thermoid Company is the first U. S. producer of brake lining to open a manufacturing plant in Mexico, Thermoid products have been identified with Mexico's automotive industry for many years, and its products are widely used in the replacement market.

BIRD SWITCHES TO 18" TAB

On January 1, 1956, all 3 roofing plants of Bird & Son, Inc., major manufacturers of asphalt roofings, began manufacturing Bird Architect Shingles with a massive 18-inch tab instead of the traditional 12-inch tab.

The new King-Tab Architect Shingle marked the first major change in asphalt roofing since Bird originated Thick-Butt shingle construction.

The new 18-inch Tab gives longer, cleaner rooflines because of the 1/3 fewer vertical cut-outs. Though the tab size has increased from 12 inches to 18 inches the overall size of each shingle strip remains 15" x 36".

UNITED STATES RUBBER CO.

New Appointment

Raymond A. All has been appointed as assistant to William E. Clark, vice president and general manager of the textile division.

Mr. All joined the rubber company in 1937 at its Hogansville, Ga., textile plant and was later responsible for setting up labor standards at its Winnsboro, S. C. mills. In 1945 he became manager of industrial relations and labor standards for the textile division.

THERMOID ELECTS NEW

VICE PRESIDENT

Joseph E. Cox has recently been elected vice president of Thermoid Company and general manager of Essex Rubber, a Thermoid division.

Mr. Cox, a veteran of 32 years in the rubber industry, has been associated with Essex Rubber since 1946. Prior to that he worked for the Goodyear Tire & Rubber Company.



The processes of converting crude Asbestos into a wide range of products are carried out entirely in our factory at Cleckheaton. Long experience in a highly specialised industry is supported by a well-equipped modern laboratory devoted to intensive research and experimental work.

B.B.A. Products include Asbestos Fibre, Yarns, Tapes, Cloths, Packings, Rovings, Tubing, Webbing, Clothing, Jointing, Mintex Brake and Clutch Liners and other Friction Materials; all types of belting for industry including Scandura the original P.V.C. fireproof conveyor belting.

BRITISH BELTING & ASBESTOS LTD

CLECKHEATON, YORKSHIRE, ENGLAND

LONDON OFFICE: 59 SOUTHWARK STREET, S.E.1.

WAGE RATE CHANGES

Wage rate changes for Asbestos workers (pipe and boiler coverers) as reported in the January 1956 number of the Asbestos Worker (published quarterly by the International Association of Heat and Frost Insulators and Asbestos Workers) are as follows:

Albuquerque, N. M.	\$3.20	Oleum, Calif. (Union Oil Co. Maintenance only)	3.17½
+ 10c W. F.		+ 10c W. F.	
Anchorage, Alaska	4.17½	+ 10c V. F.	
+ 10c W. F.		Phoenix, Arizona	3.15
Atlanta, Ga.	2.90	+ 10c W. F.	
+ 7½c W. F.		Pittsburgh, Pa.	3.42½
Austin, Texas	3.12	+ 7½c W. F.	
+ 7½c W. F.		Providence, R. I.	3.10
Boise, Idaho	2.90	+ 12c W. F.	
Boston Naval Shipyard ..	2.32	Salt Lake City, Utah	2.90
Buffalo, N. Y.	3.12½	+ 10c W. F.	
+ 7½c W. F.		San Antonio, Texas	3.12
Chicago, Ill.	3.35	+ 7½c W. F.	
+ 10½c W. F.		Savannah, Ga.	2.90
Connecticut	3.10	+ 7½c W. F.	
+ 7½c W. F.		Springfield, Mass.	3.07½
Kansas City, Mo.	3.20	+ 9c W. F.	
+ 10c W. F.		Springfield, Mo.	3.00
Knoxville Tenn.	3.02½	Tampa, Fla.	2.90
+ 7½c W. F.		+ 7½c W. F.	
New York City, N. Y.	3.75	Tucson, Ariz.	3.15
+ 8% W. F.		+ 10c W. F.	
		Tulsa, Okla.	3.15

W. F.—means Welfare Fund

V. F.—means Vacation Fund

RHODESIAN ASBESTOS-CEMENT FACTORY IN PRODUCTION

The factory to manufacture asbestos-cement sheets, erected at Chilanga, near Lusaka, Northern Rhodesia by Endurite (Pty) Ltd., commenced production on November 25, 1955, according to Messrs. Everite (Pty) Ltd., associates of the Endurite Company.

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**Outstanding flash protection for
lead-sheathed cables in manholes**

R/M No. 907F ASBESTOS TAPE

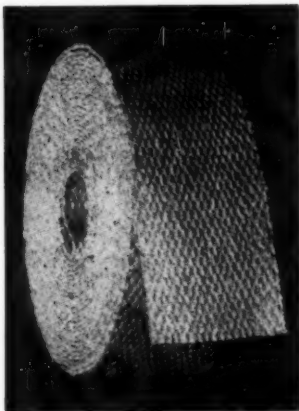
Highly resistant to oil, water and
flame. Impregnated and coated
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panies as best by laboratory and
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Supplied in Commercial Grade. Approx. 1/16 in. thick.

Widths available: 1 in. 1 1/2 in. 2 in. 2 1/2 in. 3 in.

Approx. lb. per 100 ft.: 2.6 4.0 5.4 6.9 8.0

Furnished in 25 or 100-ft. rolls

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ASBESTOS TEXTILE DIVISION, Manheim, Pa.



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Southern produces fine and heavy Asbestos Yarns in various grades of tensile strength and uniformity. Whatever their use, Southern Asbestos Yarns maintain high quality standards. High tenacity Asbestos Yarns are a Southern specialty. Yarns may be treated with various compounds for a wide range of uses. Write for Folder No. 1011.

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THREAD • CORD • CLOTH • ROPE
ROVING • TUBING
CARDED FIBRE • LISTING TAPE
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